

Development and implementation of adaptive science-intensive manufacture management system based on management processes automation

Sarkin A., Bagautdinova N., Averianov B.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The paper substantiates theoretic and methodic basics and formulates practical recommendations related to the formation and development mechanism of the adaptive science-intensive manufacture management on the basis of the management processes automation. It is shown that, above all, the economic stability of the science-intensive manufacture is contemplated by the innovation stability, characterizing innovation strategy taking into account the flexibility and orientation of the innovation cycle implementation including the creative phase, phases of ratioanization and invention. © IDOSI Publications, 2013.

<http://dx.doi.org/10.5829/idosi.wasj.2013.27.emf.33>

Keywords

Adaptive management system, Management processes automation, Manufacture enterprise economic stability, Research and development works, Science-intensive manufacture